# Revision



## Lesson 8: Website design

### HTML Tages

- Tags have three main parts an opening tags the content, and a closing tag.

| Tag | Result | |
|---|---|---|
| <h1>Largest heading</h1> | **Largest heading** | أكبر عنوان |
| <h2>Subheading</h2> | **Subheading** | عنوان فرعى |
| <h6>Smaller Subheading</h6> | **Smaller Subheading** | أصغر عنوان |
| <p>Use this tag to create a paragraph. A paragraph usually has more than one sentence.</p> | Use this tag to create a paragraph. A paragraph has several sentences. | فقرة |
| <font size = "1"><br><font size = "a"><font color = red> | This is the biggest font.<br>This is the smallest, red font. | مقاس الخط ولونه |
| <a href = "https://www.ekb.eg">Visit the Egyptian Knowledge Bank</a> | Visit the Egyptian Knowledge Bank "https://www.ekb.eg" | الرابط الشعبى |
| <i> Emphasized text </i> | *Emphasized text* | كتابة بارزة |
| <strong>Bold text </strong> | **Bold text** | خط عريض |

## Lesson 2: How to deal with electronic games

### 1 Physical dangers

- Playing electronic games too often can affect you sleep cycle.
- It can strain you eyes or cause back problems.
- There's a danger of gaining weight.

### 2 Psychological dangers

- You may become anxious and depressed because of electronic games.
- Electronic games can make some people aggressive, as some games promote violence.
- It can negatively affect your relationship with family and friends.

### 3 Security dangers

- Multiplayer games, in particular, can put your security at risk.
- Large gaming communities are filled with cyberbullies.
- Hackers can cause your information to be leaked and viruses are easily spread.

# Revision



## Lesson 3: Protecting yourself from digital theft

### Features you can use to protect your data

- Some ways to protect your devices from theft :

1. **Passwords :**
   Passwords with at least eight random characters are the most secure.
2. **Multi-Factor Authentication :**
   It requires at least two ways of identifying yourself.
3. **Fingerprint Authentication :**
   This type will scan your finger as a way of confirming it's you.
4. **Facial Recognition :**
   This software will scan your face using your device's camera.
5. **Full Encryption :**
   Encryption protects your information so only you can access it on your device.

# Lesson 8 Exercises

▸ If you got 🔴 you need to revise the lesson again.

قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على 🔴 (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

🔵 ممتاز 🟢 جيد جدا 🟡 جيد 🔴 غير جيد

## 1 Choose the correct answer from a, b, c or d.

1. The abbreviation of Hyper Text Markup Language is "................" .
   a. HTML b. HTLM c. E- HTMM d. THML
2. 📖 ............. is the standard programming language used to create web pages.
   a.«=img src> b. MacOS c. OSs d. HTML
3. HTML describes the structure of a web page and consists of a series of elements such as ................ .
   a. headings b. paragraphs c. links d. all of them
4. 📖 ............. read HTML documents and display the content according to the HTML ta
   a. Web browsers b. MacOS c. E-reader d. Android
5. The HTML tag <p>.....</p> refers to ................ .
   a. largest heading b. subheading
   c. Smaller subheading d. create a paragraph
6. 📖 The HTML tag <h1>.....</h1> refers to ................ .
   a. largest heading b. subheading
   c. smaller subheading d. create a paragraph
7. The HTML tag <h2>.....</h2> refers to ................ .
   a. largest heading b. subheading
   c. smaller subheading d. create a paragraph
8. The HTML tag <h6>.....</h6> refers to ................ .
   a. largest heading b. subheading
   c. smaller subheading d. create a paragraph
9. The function of <i> ... </i> is ................ .
   a. largest heading b. emphasized text
   c. change text to bold d. font color
10. 📖 The function of <a> ... </a> is ................ .
    a. create hyperlink b. change text to underline
    c. change text to bold d. change text to italic
11. One of the following tags is false ................ .
    a. <i> ... </i> b. <a> ... </a> c. </b> ... </b> d. <h1> ... </h1
12. One of the following tags is true ................ .
    a. </i> ... </u> b. <a> ... </b> c. </b> ... </b> d. <h1> ... </h1

## 2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Operating system is read HTML documents and display the content according to the HTML tag. ( )
2. The HTML tag <h6> .... </h6> refers to heading. ( )
3. The tag <p> .... </p> is used to create a paragraph. ( )
4. The tag <h1> .... </h1> refers to smaller subheading. ( )
5. The tag <h2> .... </h2> refers to subheading. ( )
6. The tag <i> .... </i> refers to Emphasized text. ( )
7. A paragraph usually has more than one sentence. ( )
8. We use the tag <a> ...</a> to create hyperlink. ( )
9. The tag <font> ... </ font> is used to change the font size only. ( )
10. To change the text to bold we use the <strong> ... <strong> tag. ( )
11. HTML elements break up web pages to make them easier to scan, read, and navigate. ( )
12. The tag <strong> ... </strong> is used to make text bold. ( )

## 3 Match.

| [A] | | [B] |
|---|---|---|
| 1. <a>...</a> | ☐ | a. For creating paragraph. |
| 2. <font>...</font> | ☐ | b. Change the text to Italic. |
| 3. <i>...</i> | ☐ | c. To create heading. |
| 4. <h1>...</h1> | ☐ | d. Change the font size and color. |
| 5. <p>...</p> | ☐ | e. To create hyperlink. |

## 4 Read and circle the correct one.

1. In HTML, Tags have **(two – three)** main parts : an opening tag, the content, and **(element tag – closing tag)**.
2. To change the text to bold we use **(<I> ... </I> – <b> ... </b>)** tag.

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المناسب لمستواك. ○



# General Exercises
## On Lesson 2



▸ If you got 🔴 you need to revise the lesson again.

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ممتاز 🟢 جيد جدا
جيد 🔴 غير جيد

### 1 Choose the correct answer from a, b, c or d.

1. Electronic games help to promote critical and creative................ .
   a. thinking b. playing c. fun d. skills
2. Electronic games, can be a lot of fun, but there can be problems playing these games like ................ .
   a. cyberbullying b. hacking c. having fun d. both (a) & (b)
3. There are several disadvantages of electronic games like ................ .
   a. physical dangers b. psychological dangers
   c. security dangers d. all of them
4. Playing electronic games too often can affect your ................ cycle.
   a. security b. sleep c. fun d. all of them
5. Electronic games can strain your ................ and cause headaches.
   a. hand b. arm c. eyes d. leg
6. One of psychological dagners of electronic games is ................ .
   a. feeling lonely b. straining your eyes
   c. affecting your sleep cycle d. hackers attack
7. When playing games online, don't put personal information, such as ................
   a. your full name as your username b. your email, address
   c. both (a) and (b) d. none of them
8. Large gaming communities are filled with ................ .
   a. data b. cyberbullies c. information d. none of them
9. You can limit the dangers while playing electronic games through ................ .
   a. playing with people you know and trust
   b. not using a webcam
   c. not using personal information
   d. all of them
10. Hackers can cause your information to be leaked and ................ are easily spread
    a. viruses b. games c. data d. none of them

### 2 Put (✓) in front of the correct sentence and (×) in front of the wong one.

1. There are several disadvantages of electronic games like security dangers. (
2. Playing too often can help your sleep cycle. (
3. Electronic games can strain your hand. (

4. Electronic games may keep you stimulated and prevent you from falling asleep. (   )
5. There are no dangers while playing electronic games. (   )
6. You may become anxious and depressed because you are being bullied online. (   )
7. Multiplayer games can put your security at risk. (   )
8. Never accept limits that your parents set to prevent unhealthy gaming habits. (   )
9. Gaining weight is one of electronic games dargers. (   )
10. Some electronic games promote violence. (   )

## 3 Complete the following sentences with appropriate words in brackets.

**(physical - violence - Feeling lonely - eyes)**

1. Electronic games can strain your ............... and cause headaches.
2. ............... is one of the psychological dangers of electronic games.
3. Gaining weight is one of the ............... dangers of electronic games.
4. Some electronic games promote ............... .

## 4 Read and write the name of the app or tool.

1. They can help to promote critical and creative thinking, and encourage teamwork. (...............)
2. Playing too often can affect your sleep cycle, it is considered a type of dangers. (...............)
3. Do not use it in your chatting, like username and passwords. (...............)

## 5 Read and circle the correct usage.

1. Physical dangers :
   - Make some people aggressive.
   - Playing too often can affect your sleep cycle.
2. Electronic games :
   - They cannot impact your health.
   - Help to promote critical and creative thinking.

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# General Exercises
## On Lesson 3



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قم بتقييم نفسك بالعلامات الموضحة وإذا حصلت على ● (غير جيد) قم بمراجعة الدرس مرة أخرى من الصفحة السابقة.

| | |
|---|---|
| ممتاز | ● جيد جدا |
| جيد | ● غير جيد |

## 1 Choose the correct answer from a,b,c or d.

1. When creating password, you should use ............... .
   a. random letters  b. random numbers
   c. symbols  d. all of them
2. MFA requires at least ............... ways of identifying yourself.
   a. two  b. three  c. four  d. five
3. ............... means Multi-Factor Authentication.
   a. MFB  b. MFA  c. MFC  d. MFD
4. ............... are ways of Multi Factor Authentication.
   a. Passwords  b. Pins  c. Security codes  d. All of them
5. ............... is a type of authentication which will scan your finger as a way of confirming it's you.
   a. Fingerprint Authentication  b. Pins
   c. Security codes  d. Multi Factor Authentication
6. ............... will scan your face using your device's camera.
   a. Fingerprint Authentication  b. Pins
   c. Facial Recognition  d. Multi Factor Authentication
7. ............... is the way only the user's face can be used to open their devices or devices' apps.
   a. Facial recognition software  b. Full Encryption
   c. Both a and b  d. Install new software

## 2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. You can protect your devices from theft by setting simple password. ( )
2. It is irresponsible to leave your devices at risk by not taking proper safety precautions. ( )
3. MFA stands for Multi-Factor Authentication. ( )
4. MFA authentication will scan your finger as a way of confirming it's you. ( )
5. Facial Recognition will scan your face using your device's camera. ( )
6. Multi-Factor Authentication requires at least three ways of identifying yourself. ( )
7. MFA can confirm your identity through pins and personal questions. ( )
8. Fingerprint Authentication, is a type of authentication, will scan your finger as a way of confirming it's you. ( )

9. Fingerprint Authentication is a way only the user's face can be used to open their devices or devices' apps. ( )
10. Full Encryption protects your information so every one can access it on their device. ( )

## 3 Match from column (A) with the suitable in column (B).

| [A] | [B] |
|---|---|
| 1. Passwords | ☐ a. is a shortcut of Multi-Factor Authentication. |
| 2. MFA | ☐ b. with at least 8 random letters, numbers and symbols are the most secure. |
| 3. Fingerprint Authentication | ☐ c. protects your information so only you can access it on your device, as long as you have set your password. |
| 4. Full Encryption | ☐ d. will scan your finger as a way of confirming it's you. |
| 5. Facial Recognition software | ☐ e. will scan your face using your device's camera. |

## 4 Read and circle the correct usage.

1. Multi Factor Authentication :
   - Through scanning your face.
   - Through passwords, pins, and security codes.
2. Passwords :
   - at least eight random letters, numbers, and symbols.
   - develop excellent hand-eye co-ordination skills.

## 5 Read and correct words between brackets.

1. If you think your data has been compromised, you **(shouldn't tell)** a parent or trusted adult. (................)
2. **(Facial recognition)** will scan your finger as a way of confirming it's you. (................)
3. From the ways of **(GPS)**, pins, and personal questions. (................)

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# November Test

## 1 Choose the correct answer from a , b, c or d.

1. Ms. Didi El-Behaedi is a ................ in national geographic.
   a. ecologist b. biologist c. explorer d. engineer
2. Ms. El-Behaedi protect her information by, ................ .
   a. installing anti-virus software
   b. using strong passwords
   c. frequently backs up her data
   d. all of them
3. Electronic games can strain your ................ and cause headaches.
   a. hand b. arm c. eyes d. leg
4. Mr. Sawhney creates applications that allow ................ to access visual content.
   a. hearing impaired people
   b. normal people
   c. blind and visually impaired people
   d. none of them
5. The abbreviation of Artificial Intelligence is ................ .
   a. AL b. IA c. AI d. LA
6. Artificial Intelligence (AI), Augmented Reality (AR), and Virtual Reality (VR) are examples of ................ .
   a. augmented reality
   b. cutting edge technology
   c. artificial intelligence
   d. assistive technology
7. ................are collections of information which are typically stored in a computer system and can be accessed, for free, through a school or library.
   a. Search engines
   b. Database
   c. Library catalogs
   d. Google chrome
8. These handheld computers (mobile devices) ................ .
   a. are portable
   b. can access the internet
   c. are held in landscape or portrait mode
   d. all of them

## 2 Put (✓) in front of the correct sentence and (×) in front of the wrong one.

1. Windows operating system is open-source software for building robot applications. ( )
2. In HTML, tags have three main parts: an opening tag, the content, and a closing tag. ( )
3. We use the tag <a> ...</a> to create hyperlink. ( )
4. The I-Stem platform is one of the platforms that provides counseling and employment opportunities for people of determination. ( )
5. Ms. Didi El-Behaedi working towards a PhD in Egyptian Archaeology at the University of Chicago in the U.S. ( )
6. There are no dangers while playing electronic games. ( )
7. Machine learning means inputting data about known thing and programming the computer to look for similar things. ( )

# Exercises on Lesson 8



## 1 Choose the correct answer:

1. HTML consists of a series of elements, such as links, images and .............. .
   a. headings   b. paragraphs   c. both of the previous
2. .................... is the standard programming language used to create web pages.
   a. HTML   b. Python   c. C++
3. The HTML tag that is used to create a paragraph is .......................... .
   a. <h>   b. <a>   c. <p>
4. HTML tags have ......................... main parts.
   a. two   b. three   c. four
5. To make the images accessible on web pages, add .................. to <img> in HTML.
   a. alt-text   b. meta   c. title
6. The ......................... tag is used to create the largest heading in HTML.
   a. <h1>   b. <h6>   c. <L1>
7. To create the smallest heading in HTML, use the .......................... tag.
   a. <h1>   b. <h6>   c. <S1>
8. Large headings are placed at the .......................... of the web page to catch the attention.
   a. middle   b. bottom   c. top
9. The ......................... tag is used to create a hyperlink in HTML.
   a. <a>   b. <h>   c. <L>
10. HTML tags consist of an opening tag, a closing tag and ......................... .
    a. the content   b. comments   c. attributes
11. The ............................ tag is used to italicize a text in HTML.
    a. <h>   b. <b>   c. <i>
12. To see web page alt-text, right click on an image and select .................. .
    a. open   b. inspect   c. properties
13. To make the text bold in HTML, you can use ......................... tag.
    a. <bold>   b. <strong>   c. <s>
14. .................... read HTML documents and display the content according to the HTML tag.
    a. Web browsers   b. Web servers   c. Devices
15. The href attribute is used with <a> tag to create a/an ................ in HTML.
    a. paragraph   b. image   c. hyperlink
16. With HTML tags, a screen reader ...................... after every element in the web page.
    a. repeats   b. stops   c. continues
17. The ......................... attribute is used to provide alternative text for the image in HTML.
    a. href   b. alt   c. img
18. Adding ......................... to web pages make the text easy to scan, so a reader can find the information easily.
    a. images   b. subheadings   c. music

## 2 Put (✓) or (✗):

1. HTML tags consist of four main parts. ( )
2. HTML is the standard programming language used to create dynamic web pages. ( )
3. HTML includes only headings and paragraph elements. ( )
4. In HTML, the <i> tag is used to display text in italics. ( )
5. To make the text bold, you can use the <bold> tag in HTML. ( )

6. A large heading at the top of the page catches the attention. ( )
7. </h6> is an opening tag to display the smallest heading in HTML. ( )
8. Subheadings font size is larger than the heading. ( )
9. HTML code can help visually impaired people distinguish between parts of a web page. ( )
10. Web browsers have difficulty reading HTML documents. ( )
11. To make the images accessible, add image and alt-text tags. ( )
12. Without HTML tags, a screen reader stops after every element. ( )
13. The <h1> tag is used to create a paragraph in HTML. ( )
14. Adding images to web pages attracts the attention and triggers different emotions. ( )
15. <img src="car.jpg" alt="self-driving car"> is used to display the image in HTML. ( )
16. When a text is organized into paragraphs, it allows readers to find information quickly. ( )

## 3 Choose from column (A) what suits it in column (B):

| Column (A) | Column (B) |
|---|---|
| 1 <strong> | a. It defines a paragraph in HTML. |
| 2 <h1> | b. It is used to create a hyperlink in HTML. |
| 3 <a href= " " > | c. It is used to make the text bold in HTML. |
| 4 <i> | d. It is used to make the text italics in HTML. |
| 5 <p> | e. It is used to create the largest heading in HTML. |

1 ............ 2 ............ 3 ............ 4 ............ 5 ............



# Exercises on Lesson 2

## 1 Choose the correct answer:

1. Electronic games can help promote .................... .
   a. critical thinking b. creative thinking c. both a and b
2. Playing electronic games too much can affect your .................... cycle.
   a. sleep b. digestive c. energy
3. One of the dangers of electronic games is .................... because you may not be exercising.
   a. hacking b. gaining weight c. bullying
4. Hackers can steal your information and .................... can easily spread.
   a. viruses b. books c. videos
5. Large gaming communities are filled with .................... .
   a. cyberbullies b. doctors c. both a and b
6. Spending a lot of time playing electronic games can cause .................... .
   a. eye strain b. back problems c. both a and b
7. .................... can cause your information to be leaked, and viruses are easily spread.
   a. Cyberbullies b. Hackers c. Friends
8. One of the physical dangers of electronic games is .................... .
   a. stealing data b. cyberbullying c. headaches
9. One of the psychological dangers of electronic games is .................... .
   a. eye strain b. being depressed c. cyberbullying
10. You should not share .................... because others can access your address, email, and phone number.
    a. games b. news c. personal information

11 Some games promote violence, so this can make some people .............. .
a. calm b. aggressive c. stupid

12 Playing online games too much can cause .............................. strain.
a. eye b. nose c. leg

13 Electronic games may make you anxious and depressed because ......... .
a. you feel lonely in the real world
b. you may being bullied online c. both a and b

## 2 Put (✓) or (✗):

1 Electronic games can be fun, but they impact health. ( )

2 Feeling lonely in the real world is one of the dangers of electronic games. ( )

3 You should play a lot of electronic games to fall asleep right away. ( )

4 Some electronic games can promote aggression in players. ( )

5 Ignore the limits that your parents set to prevent unhealthy gaming habits. ( )

6 Excessive electronic gaming can lead to headaches. ( )

7 It is recommended to play games and chat with people you don't know. ( )

8 Electronic games can make some people anxious and depressed. ( )

9 Playing games online has no dangers for you. ( )

10 Multiplayer games can put your security at risk. ( )

11 When you face dangers online, you should solve them yourself. ( )

12 Electronic games can prevent some players from thinking rationally. ( )

13 Electronic gaming can have a positive impact on your relationships with others. ( )

14 Use a webcam to limit the dangers of electronic games. ( )

15 You should not use personal information in your usernames and passwords. ( )

## 3 Complete the following sentences using the words between the brackets:

(aggressive – Back problems – webcam – Cyberbullies – personal information)

1. .............................. is one of the security dangers of electronic games.
2. Some electronic games promote violence and can make some people .............................. .
3. .............................. is one of dangers of electronic games because you stay hunched over while playing.
4. Don't use a .............................. to limit the dangers of electronic games.
5. Don't share .............................., such as your name, email, phone number, and address.

# Exercises on Lesson 3

## 1 Choose the correct answer:

1. Strong passwords contain at least ........................ characters.
   a. 4 b. 6 c. 8
2. What does MFA stand for?
   a. Multi-function Application
   b. Multi-factor Authentication
   c. Multi-feature Algorithm
3. ................ is a type of authentication that uses your fingerprint to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition
   c. A password
4. ......................... law requires companies to use strict security standards to protect their data.
   a. Copyright b. E-marketing c. Data Protection
5. The process that scrambles your information and makes it unreadable to others is called ........................ .
   a. decryption b. compression c. encryption
6. ......................... requires at least two ways of identifying yourself.
   a. Multi-factor authentication
   b. Fingerprint authentication c. Facial recognition
7. ............ scans your face using your device's camera to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition c. Full disk encryption

8 .......................... is/are a security method that scramble(s) your information and can only be accessed if you enter a password.

a. Full disk encryption
b. Facial recognition
c. Both a and b

9 .......................... is a feature that allow you remotely to lock your device if you lose it.

a. Lock when lost
b. Facial recognition
c. A password

10 Facial recognition scans your face using your device's .......................... to confirm your identity.

a. scanner
b. printer
c. camera

11 Egypt formed .......................... law in 2020 to protect its citizens' data.

a. Data Security
b. Data Protection
c. Data Privacy

## 2 Put (✓) or (✗):

1. Strong passwords contain at least 6 characters. (   )
2. If you have been exposed to data theft, you should report it. (   )
3. Full disk encryption allows you to lock your device if you lose it. (   )
4. Data protection is important for individuals only. (   )
5. Fingerprint authentication scans your face using the device's camera. (   )
6. It is irresponsible to leave your devices at risk without protection. (   )
7. It is not important for companies to protect their data. (   )
8. Strong passwords contain letters, numbers and special characters. (   )

9 The facial recognition feature allows only your face to unlock your device. ( )

10 Fingerprint authentication allows you to lock your device if it is lost. ( )

11 Multi-factor authentication (MFA) is not an effective way to protect your accounts. ( )

12 Egypt established the Data Protection Law to protect its citizens. ( )

13 If you've been a victim of data theft, there is no need to report the theft. ( )

## 3 Choose from column (A) what suits it in column (B):

| Column (A) | Column (B) |
|---|---|
| 1 Full disk encryption | a. is a type of authentication that usually scans your thumb to confirm your identity. |
| 2 Multi-factor authentication | b. is a feature that allows you to lock your device remotely if you lose it. |
| 3 Fingerprint authentication | c. requires at least two ways of identifying yourself. |
| 4 Lock when lost | d. scans your face using your device's camera to confirm your identity. |
| 5 Facial recognition | e. scrambles your information and can only be accessed if you enter a password. |

1 ............... 2 ............... 3 ............... 4 ............... 5 ...............

# November Revision

## ① Summary

### Lesson 8

- Hyper Text Markup Language **(HTML)** is the standard programming language used to **create web pages (websites)**.
- HTML consists of a series of elements, such as **headings, paragraphs, links, and images**.
- Web browsers read **HTML** documents and display the content according to the **HTML tag**.
- **HTML tags** have **three** main parts:

| An opening tag <> | The content | A closing tag </> |
|---|---|---|

- **Some examples for HTML tags:**

| Element | HTML Tag |
|---|---|
| Largest Heading | <h1> Largest heading </h1> |
| Subheading | <h2>Subheading </h2> |
| Smallest Heading | <h6>Smaller Subheading</h6> |
| Paragraph | <p>This is a paragraph</p> |
| Font Size | <font size=”1”> |
| Font Color | <font color="red"> |

| | |
|---|---|
| Hyperlink | <a href="https://www.ekb.eg"> Visit EKB </a> |
| Italics | <i>Italics text</i> |
| Bold | <strong>Bold text </strong> |
| Image | <img src="car.jpg" alt="self-driving car"> |

- HTML elements **break up** web pages to make them easier to scan and read.
- **HTML code** helps **people with low vision** to distinguish between parts of a web page.
- **Images** and **large headings** at the top of the page catches the attention.
- **Subheadings** make the text easy to scan and read.
- **Text** broken up into **paragraphs** makes it easy for the reader to scan the information they want.
- To make the images accessible, add **image** and **alt-text** tags.




# Lesson 2

- **Electronic Games Advantages:**
  1. Promoting Critical Thinking
  2. Promoting Creative Thinking
  3. Encouraging Teamwork
- **Electronic Games Dangers:**
  1. **Physical Dangers**
  2. **Psychological Dangers**
  3. **Security Dangers**

## 1 Physical Dangers



- Electronic games affect your **sleep cycle**.
- **It can cause:**
  - Eye strain
  - Back problems
  - Headaches
  - Gaining weight

## 2 Psychological Dangers



- **You may become anxious and depressed because**:
  1. You feel lonely in the real world.
  2. You are being bullied online
- It makes some people **aggressive**, as some games promote **violence**.
- It can prevent some players from **thinking rationally**.
- It can **negatively** affect your relationship with your family and friends.

## 3 Security Dangers



- Large gaming communities are filled with **cyberbullies**.
- **Hackers** can cause your information to be leaked and **viruses** are easily spread.
- Multiplayer games, in particular, can put your security at risk.

## Responsible Gaming

- **To limit the dangers of electronic games:**
  1. Only play games and chat with people you know and trust.
  2. Respect the limits that your parents set to prevent unhealthy gaming habits.
  3. Don't use personal information in your usernames and passwords.
  4. Don't use a webcam.
  5. Make sure that gaming does not replace real-life activities.
  6. When you face dangers, tell your parents.

# Lesson 3

- It is irresponsible to leave your devices at risk by not taking proper safety precautions.
- There are many ways to protect your devices, such as:

## 1 Passwords

- Strong passwords are at least 8 characters and consist of:
  1. Letters
  2. Numbers
  3. Symbols (as @,#,%)

## 2 Multi-factor Authentication (MFA)

- It requires at least two ways of identifying yourself.

## 3 Fingerprint Authentication

- It will scan your finger, usually the thumb to confirm it's you.

## 4 Facial Recognition

- It will scan your face using your device's camera to confirm it's you.

## 5 Full Disk Encryption

- It scrambles your information and is accessible only with a password on your device.

# Data Protection Law

- In 2020, Egypt formed the Data Protection Law to protect its citizens.
- Companies must report immediately if they've been victims of data theft, and let their customers know immediately as well.
- Companies and individuals should report data theft immediately.
- If you think your data has been compromised, tell your parents or a trusted adult.
- Tell your family and friends not to open attachments or click on links from your online accounts.



# Model Exam 1

## 1 Choose the correct answer:

1. One of the dangers of electronic games is ........................ because you may not be exercising.
   a. hacking b. gaining weight c. bullying
2. ........................ is the standard programming language used mainly to create web pages.
   a. HTML b. Python c. C++
3. Strong passwords contain at least ........................ characters.
   a. 4 b. 6 c. 8
4. The ........................ tag is used to create a hyperlink in HTML.
   a. <a> b. <h> c. <L>
5. ........................ can cause your information to be leaked and viruses are easily spread.
   a. Cyberbullying b. Hackers c. Friends
6. ........................ is a type of authentication that uses your fingerprint to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition c. A password
7. Electronic games can strain your ........................ and cause headaches.
   a. mouth b. legs c. eyes

## 2 Put (✓) or (✗):

1. The font size of subheadings is greater than that of the main headings. ( )
2. Some electronic games promote violence. ( )
3. It is responsible to leave your devices at risk without protection ( )
4. Adding images to web pages attracts attention ( )
5. Multiplayer games can put your security at risk ( )
6. Egypt established the Data Protection Law to protect its citizens. ( )
7. Electronic games can be fun, but they negatively affect the health. ( )
8. MFA requires at least three ways of identifying yourself. ( )

# Model Exam 2

## 1 Choose the correct answer:

1. The abbreviation of Hyper Text Markup Language is ........................ .
   a. HLMT  b. HTLM  c. HTML
2. To make the text bold in HTML, you can use the ........................ tag.
   a. <i>  b. <strong>  c. <s>
3. Large gaming communities are filled with ........................ .
   a. cyberbullies  b. teachers  c. a and b
4. ........................ scans your face using your device's camera to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition  c. Full Disk encryption
5. ........................ read HTML documents and display the content according to the HTML tag.
   a. Web browsers  b. Web servers  c. Devices
6. Electronic games may make you anxious and depressed because ........................ .
   a. you feel lonely in the real world
   b. you may being bullied online  c. a and b
7. The process that scrambles your information and makes it unreadable to others is called ........................ .
   a. decryption  b. compression  c. encryption

## 2 Put (✓) or (✗):

1. The tag <h2> refers to a subheading. (   )
2. It is recommended to play games and chat with people you don't know. (   )
3. </h1> is an opening tag, but <h1> is a closing tag. (   )
4. if you have been exposed to data theft, you should report it. (   )
5. Strong passwords contain only letters and numbers. (   )
6. In HTML, the <a> tag is used to display text in italics. (   )
7. Some electronic games promote aggressive behaviors. (   )
8. Electronic games help promote critical and creative thinking. (   )

# Model Exam 3

## 1 Choose the correct answer:

1. The ...................... tag is used to create the largest heading in HTML.
   a. <h1>  b. <h6>  c. <L1>
2. Electronic games can help promote ...................... .
   a. critical thinking  b. creative thinking  c. a and b
3. ...................... requires at least two ways of identifying yourself.
   a. Multi-factor authentication
   b. Fingerprint authentication  c. Facial recognition
4. HTML tags consist of an opening tag, a closing tag, and ...................... .
   a. the content  b. the comments  c. attributes
5. You should not share your ...................... because others can access your address, email, and phone number.
   a. games  b. news
   c. personal information
6. Facial recognition scans your face using your device's ...................... to confirm your identity.
   a. scanner  b. printer  c. camera
7. Hackers can cause your information to be leaked, and ...................... are easily spread.
   a. viruses  b. emails  c. games

## 2 Put (✓) or (✗):

1. A large heading at the top of the page catches attention. (   )
2. Full disk encryption allows you to lock your device if you lose it. (   )
3. Using a webcam online can limit the dangers of electronic games. (   )
4. To make the images accessible, add image and alt-text tags. (   )
5. You should play a lot of electronic games to fall asleep right away. (   )
6. Data protection is important only for companies. (   )
7. HTML elements break up web pages to make them easier to scan. (   )

# Model Exam 4

## 1 Choose the correct answer:

1. To create the smallest heading in HTML, use the ........................ tag.
   a. <h1>   b. <h6>   c. <S1>
2. Spending a lot of time playing electronic games can cause ........................ .
   a. eye strain   b. back problems   c. a and b
3. ........................ is a security method that scrambles your information and can only be accessed if you enter a password.
   a. Full disk encryption   b. Facial recognition   c. a and b
4. The HTML tag that is used to create a paragraph is ........................ .
   a. <h>   b. <a>   c. <p>
5. One of the psychological dangers of electronic games is ........................ .
   a. eye strain   b. being depressed   c. cyberbullying
6. Egypt formed ........................ Law in 2020 to protect its citizens' data.
   a. Data Security   b. Data Protection   c. Data Privacy
7. ........................ Law requires companies to report immediately if they've been victims of data theft.
   a. Copyright   b. E-marketing   c. Data Protection

## 2 Put (✓) or (✗):

1. HTML tags consist of four main parts. (   )
2. Electronic gaming has a positive impact on your relationships. (   )
3. Fingerprint authentication scan your face using the device's camera. (   )
4. The tag <h6> refers to the heading (   )
5. Ignore the limits that your parents set to prevent unhealthy gaming habits. (   )
6. The facial recognition feature allows only your face to unlock your device. (   )
7. Sharing more personal information enables safer communication with others. (   )
8. HTML code can help visually impaired people distinguish between the parts of a web page. (   )

# Model Exam 5

## 1 Choose the correct answer:

1. One of the physical dangers of electronic games is ........................ .
   a. stealing data b. cyberbullying c. headaches
2. Large headings are placed at the ........................ of the web page to catch attention.
   a. middle b. bottom c. top
3. The ........................ tag is used to italicize text in HTML.
   a. <h> b. <b> c. <i>
4. Playing electronic games too much can affect your ........................ cycle.
   a. sleep b. digestive c. energy
5. To make the images accessible on web pages, add ........................ to <img> in HTML.
   a. alt-text b. meta c. title
6. Some games promote violence, so this can make some people ........................ .
   a. calm b. aggressive c. stupid
7. What does MFA stand for?
   a. Multi-Function Application
   b. Multi-Factor Authentication
   c. Multi-Feature Algorithm

## 2 Put (✓) or (✗):

1. HTML includes only headings and paragraph elements. (  )
2. Excessive electronic gaming can lead to headaches. (  )
3. When you face dangers online, you should solve them yourself. (  )
4. </h6> is an opening tag to display the smallest heading in HTML. (  )
5. If you've been a victim of data theft, there is no need to report the theft. (  )
6. When text is organized into paragraphs, it allows readers to find information quickly. (  )
7. It is not important for companies to protect their data. (  )
8. Feeling lonely in the real world is one of the dangers of electronic games. (  )

# Answers

## Model Exam 1

**1**

| | | | |
|---|---|---|---|
| 1 b | 2 a | 3 c | 4 a |
| 5 b | 6 a | 7 c | |

**2**

| | | | |
|---|---|---|---|
| 1 ✗ | 2 ✓ | 3 ✗ | 4 ✓ |
| 5 ✓ | 6 ✓ | 7 ✓ | 8 ✗ |

## Model Exam 2

**1**

| | | | |
|---|---|---|---|
| 1 c | 2 b | 3 a | 4 b |
| 5 a | 6 c | 7 c | |

**2**

| | | | |
|---|---|---|---|
| 1 ✓ | 2 ✗ | 3 ✗ | 4 ✓ |
| 5 ✗ | 6 ✗ | 7 ✓ | 8 ✓ |

## Model Exam 3

**1**

| | | | |
|---|---|---|---|
| 1 a | 2 c | 3 a | 4 a |
| 5 c | 6 c | 7 a | |

**2**

| | | | |
|---|---|---|---|
| 1 ✓ | 2 ✗ | 3 ✗ | 4 ✓ |
| 5 ✗ | 6 ✗ | 7 ✓ | |

## Model Exam 4

**1**

| | | | |
|---|---|---|---|
| 1 b | 2 c | 3 a | 4 c |
| 5 b | 6 b | 7 c | |

**2**

| | | | |
|---|---|---|---|
| 1 ✗ | 2 ✗ | 3 ✗ | 4 ✓ |
| 5 ✗ | 6 ✓ | 7 ✗ | 8 ✓ |

## Model Exam 5

**1**

| | | | |
|---|---|---|---|
| 1 C | 2 c | 3 c | 4 a |
| 5 a | 6 b | 7 b | |

**2**

| | | | |
|---|---|---|---|
| 1 ✗ | 2 ✓ | 3 ✗ | 4 ✗ |
| 5 ✗ | 6 ✓ | 7 ✗ | 8 ✓ |

# Lesson 08 Web design

## Hyper Text Markup Language (HTML)

- It's the standard programming language used to create web pages.
- It describes the structure of a web page and consists of series of element

**The building blocks of web pages are:**

Heading | Paragraph | Links | Images

Web browser read HTML document and display the content according to the HTML tag .

## Tags have three main parts:

| An opening tag | The content | A closing tag |
|---|---|---|
| <....> | content | </.....> |

## Examples of HTML tags

| | |
|---|---|
| **Large heading** | <h1> large heading </h1> |
| **Subheading** | <h2> subheading </h2> |
| **Smaller subheading** | <h6> smallest subheading </h6> |
| **Paragraph** | <p>Here create a paragraph </p> |
| **Font size** | <font size ="1" > , <front size ="7"><br>(="1": the smallest size; ="7": the largest size) |
| **Font color** | <font color ="red"> |
| **Hyperlink** | <a href ="https://www.ekb.eg"> visit the Egyptian knowledge bank </a> |
| **Emphasize text (italic )** | <i> *Italic text* </i> |
| **Bold text** | <strong > bold text </strong> |
| **Image** | <img scr="ICT.jpg" alt="My subject" |

## Website design



- HTML elements break up web pages to make them easier to scan, read, and navigate.
- An HTML code can also help people with low vision to distinguish between parts of a web page.

**A large heading :** at the top of the page catches attention.

**Subheadings :** make the text easy to scan, so a reader can find the information they want.

**Text broken up into paragraphs :** makes it easy for the reader to scan for the information they want.

**Images :** also attract attention and can trigger different emotions, add image and alt-text tags.

# Lesson 02 How to deal with electronic games

➢ **Electronic games Advantages:**

1- Having a lot of fun to play with friends.
2- Promoting critical and creative thinking.
3- Encourage teamwork.

➢ **Electronic games disadvantages:**

1. Physical dangers
2. Psychological dangers
3. Security dangers

### 1. Physical dangers



- Playing too often can affect your sleep cycle.
- Keep you stimulated and prevent from falling asleep.
- It can cause eye strain and headaches.
- It can cause back problems because you stay hunched over while playing.
- Also a danger of gaining weight due to not exercising or eating properly while playing.

## 2. Psychological dangers



- You may become anxious and depressed because:

- You feel lonely in the real world

Or - You are being bullied online.

- Electronic games make some people aggressive, as some games promote violence.
- It can prevent some players from thinking rationally when facing situations.
- It can negatively affect your relationship with family and friends.

## 3. Security dangers

- Multiplayer games, can put your security at risk.
- If you share too much personal information, strangers may be able to access your name, email, phone number, and address.
- Large gaming communities are filled with cyberbullies.
- Hackers can cause your information to be leaked and viruses are easily spread.

## Responsible gaming

➢ You can limit the dangers you are exposed to by:



- Only playing games and chatting with people you know and trust.
- Not using personal information in your username and passwords.
- Not using a webcam.
- Accept limits that your parents set to prevent unhealthy gaming habits.
- Don't replace real-life activities like spending time with your family, meeting friends, homework, maintaining a healthy diet, getting enough exercise or sleep.
- When you do encounter dangers, tell your parents. They will help you by family discussions and increased supervision.

# Lesson 03 Protecting yourself from digital theft

It is irresponsible to leave your devices at risk by not taking proper safety precautions.

**<u>Different ways to protect your devices from theft:</u>**



## 1. Passwords

Passwords are the most secure with at least **8** characters of letters, numbers, and symbols.




## 2. Multi-factor authentication (MFA)

**MFA** requires at least two ways of identifying yourself, through passwords, pins, and security codes or personal questions.

## 3. Fingerprint authentication



This type of authentication will scan your finger as a way of confirming it's you.

## 4. Facial recognition



Facial recognition software will scan your face using your device's camera.

Only the user's face can be used to open their devices or devices' apps.

## 5. Full Encryption

Encryption protects your information so only you can access it on your device, as you have set your password.

- **<u>Companies in particular need to protect their websites and their customers' information.</u>**
  - Egypt has introduced the Data Protection Law to protect its citizens.
  - The Data Protection Law requires companies to use strict security stands to protect their data.
  - They must report immediately if they've been victims of data theft, and let their customers know immediately.
    - ✓ **<u>It's important for individuals to report data theft.</u>**
  - If you think your data has been compromised, tell a parent or trusted adult, they can let the proper authorities know.
  - Tell family and friends you communicate with online.

# November Questions Bank المتميز

## Question 01 choose the correct Answer

1. HTML tags consist of an opening tag, a closing tag and ........................
   a) comments  b) the content  c) attributes
2. ........................ is the way only the user's face can be used to open their devices or devices' apps.
   a) Facial recognition software  b) Personal questions  c) Install new software
3. The HTML tag <h2>.....</h2> refers to ......................
   a) largest heading  b) subheading  c) Smaller subheading
4. Egypt introduced ............ Law to protect its citizens' data.
   a) Data Protection  b) Data encryption  c) Data recognition
5. To make the text bold in HTML, you can use ........................ tag.
   a) <p>  b) <strong>  c) <s>
6. ......................... is a type of authentication which will scan your thumb as a way of confirming it's you.
   a) Fingerprint Authentication  b) Facial Recognition  c) Multi Factor Authentication
7. HTML tags have ......................... main parts
   a) Two  b) three  c) four
8. MFA is abbreviation of ...................
   a) Multi-feature Identification  b) Multi-factor authentication  c) Multi-function Application
9. The HTML tag <h6>.....</h6> refers to................
   a) largest heading  b) subheading  c) Smallest subheading
10. Some games promote violence, so this can make some people ...............
    a) friendly  b) aggressive  c) calm
11. Electronic games can help promote ...................
    a) Critical thinking  b) creative thinking  c) both a and b
12. Electronic games, can be a lot of fun, but there can be problems playing these games like ...................
    a) cyber bullying  b) critical thinking  c) having fun

13 One of psychological dangers of electronic games is......................
- a) feeling lonely
- b) straining your eyes
- c) affecting your sleep cycle

14 One of the physical dangers of electronic games is.................
- a) feeling lonely
- b) straining your eyes
- c) stealing data

15 There are several disadvantages of electronic games like security dangers and .................... .
- a) physical dangers
- b) psychological dangers
- c) both a and b

16 One of the psychological dangers of electronic games is......................
- a) being depressed
- b) eye strain
- c) hackers attack

17 The abbreviation of Hyper Text Markup Language is ......................
- a) HTML
- b) HTLM
- c) THML

18 Playing online games too much can cause eye .................
- a) relax
- b) strength
- c) strain

19 HTML describes the structure of a web page and consists of a series of elements such as headings, paragraph and .................... .
- a) images
- b) links
- c) both a and b

20 Strong password contain at least ................. characters.
- a) two
- b) three
- c) eight

21 One of the following tags is true...........................
- a) </i> ... </i>
- b) <a> ... </b>
- c) <h1> ... </h1>

22 ......................... will scan your face using your device's camera
- a) Fingerprint Authentication
- b) Pins
- c) Facial Recognition

23 The ............................... tag is used to create the largest heading in HTML
- a) <L1>....</L1>
- b) <h1>.....</h1>
- c) <h6>......</h6>

24 If you think your data has been compromised, you should tell ................
- a) hacker
- b) a parent
- c) cyber bullies

25 From advantages of electronic games encouraging ...................
- a) cyberbullies
- b) teamwork
- c) violence

26 Facial recognition scans your face using your device's .................... to confirm your identity.
- a) scanner
- b) printer
- c) . camera

27 ...................... can cause your information to be leaked, and viruses are easily spread
(a) Friends (b) Hackers (c) Cyberbullies

28 .............. requires at least two ways of identifying yourself.
(a) MFA (b) PIN (c) Password

29 When creating password, you should use random ....................
(a) letters (b) numbers and symbols (c) both a and b

30 From the ways of .............. , pins, passwords, and personal questions
(a) Oss (b) MFA (c) GPS

31 Large gaming communities are filled with ......................
(a) data protection (b) cyberbullies (c) information

32 .............. read HTML documents and display the content according to the HTML tags.
(a) Web browsers (b) Web servers (c) E-readers

33 The function of <i>... </i> tag is ................................
(a) italicize a text (b) make text bold (c) change font color

34 The HTML tag <p>.....</p> refers to ......................
(a) largest heading (b) subheading (c) create a paragraph

35 ................ is the standard programming language used to create web pages.
(a) Python (b) HTML (c) OSs

36 Adding ...................... to the web page, attracts attention and triggers different emotions
(a) images (b) smallest heading (c) database

37 Electronic games can strain your ............. and cause headaches.
(a) hand (b) arm (c) eyes

38 Hackers can cause your information to be ............. and viruses are easily spread.
(a) protected (b) leaked (c) secured

39 ...................... is a security method that protects your information and only you can access it on your device by entering your password
(a) Full disk encryption (b) Facial Recognition (c) Both a and b

40 Companies must tell their ................. immediately, if they've been victims of data theft.
(a) hackers (b) customers (c) parents

41. Large headings are placed at the .......................... of the web page to catch the attention
(a) middle (b) bottom (c) top

42. The href attribute is used with <a> tag to create a/an ...................... in HTML.
(a) image (b) hyperlink (c) paragraph

43. Playing electronic games too much can affect your ................. cycle.
(a) life (b) sleep (c) energy

44. Hackers can steal your information, and ................... can easily spread.
(a) viruses (b) books (c) images

45. MFA requires at least...................... ways of identifying yourself.
(a) two (b) three (c) four

## Question 02 put ( √ ) or ( × )

1. The tag <i> .... </i> refers to change text to italic. ( )
2. Data protection is important for individuals only. ( )
3. We use the tag <a> .... </a> to create hyperlink. ( )
4. It is not important for companies to protect their data. ( )
5. The tag <h1> .... </h1> refers to subheading. ( )
6. Egypt established the Data Protection Law to protect its citizens' data. ( )
7. HTML elements break up web pages to make them easier to scan, read, and navigate. ( )
8. Fingerprint Authentication is a type of authentication will scan your finger as a way of confirming it's you. ( )
9. Electronic games can relax your eyes and cause headaches. ( )
10. Facial Recognition will scan your face using your device's camera. ( )
11. Some electronic games promote violence. ( )
12. There are no dangers while playing electronic games. ( )
13. You may become anxious and depressed because you are being bullied online. ( )
14. Feeling lonely from physical dangers of playing electronic games. ( )

15. Playing too often can help your sleep cycle. (   )
16. Use a webcam to limit the dangers of electronic games. (   )
17. Never accept limits that your parents set to prevent unhealthy gaming habits. (   )
18. Multi-Factor Authentication requires one way of identifying yourself. (   )
19. There are several disadvantages of electronic games like security dangers. (   )
20. MFA stands for Multi-Factor Authentication. (   )
21. Subheadings font size is larger than the heading. (   )
22. Companies must report immediately if they've been victims of data theft. (   )
23. To change the text to bold we use the <strong> .... </strong> tag. (   )
24. MFA can confirm your identity through pins and personal questions. (   )
25. Adding subheadings to web pages makes the text easy to scan, so a reader can find the information easily. (   )
26. Full Encryption protects your information so everyone can access it on their device. (   )
27. Web browsers have difficulty reading HTML documents. (   )
28. The tag <p>....</p> is used to change text to bold. (   )
29. The building blocks of web pages include only headings and paragraph. (   )
30. Gaining weight is one of electronic games dangers. (   )
31. Electronic games can be fun, but they impact health. (   )
32. You can protect your devices from theft by setting a weak password. (   )
33. Strong passwords must contain three characters. (   )
34. If you think your data has been compromised, you shouldn't tell a parent or trusted adult. (   )
35. Fingerprint Authentication is a way only the user's face can be used to open their devices or devices' apps. (   )
36. The HTML tag <h6> ... </h6> refers to large heading. (   )
37. HTML code can help people with low vision to distinguish between parts of a web page. (   )

38. You should play a lot of electronic games to fall asleep quickly. (    )
39. Electronic games can stretch your back. (    )
40. Electronic games may keep you stimulated and prevent you from falling asleep. (    )
41. Multiplayer games can put your security at risk. (    )
42. It is irresponsible to leave your devices at risk by not taking proper safety precautions. (    )
43. HTML tags consist of two main parts. (    )
44. A paragraph usually has more than one sentence. (    )

تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

# Answers



## November Questions Bank

**Question 01** choose the correct Answer

1. HTML tags consist of an opening tag, a closing tag and ......................
   - a) comments
   - b) **the content**
   - c) attributes
2. ...................... is the way only the user's face can be used to open their devices or devices' apps.
   - a) **Facial recognition software**
   - b) Personal questions
   - c) Install new software
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   - a) largest heading
   - b) **subheading**
   - c) Smaller subheading
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   - a) **Data Protection**
   - b) Data encryption
   - c) Data recognition
5. To make the text bold in HTML, you can use ...................... tag.
   - a) <p>
   - b) **<strong>**
   - c) <s>
6. ...................... is a type of authentication which will scan your thumb as a way of confirming it's you.
   - a) **Fingerprint Authentication**
   - b) Facial Recognition
   - c) Multi Factor Authentication
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   - b) **three**
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   - b) **Multi-factor authentication**
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   - b) subheading
   - c) **Smallest subheading**
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    - a) friendly
    - b) **aggressive**
    - c) calm
11. Electronic games can help promote ..................
    - a) Critical thinking
    - b) creative thinking
    - c) **both a and b**
12. Electronic games, can be a lot of fun, but there can be problems playing these games like ..................
    - a) **cyber bullying**
    - b) critical thinking
    - c) having fun

13 One of psychological dangers of electronic games is......................
(a) feeling lonely (b) straining your eyes (c) affecting your sleep cycle

14 One of the physical dangers of electronic games is..................
(a) feeling lonely (b) straining your eyes (c) stealing data

15 There are several disadvantages of electronic games like security dangers and ..................... .
(a) physical dangers (b) psychological dangers (c) both a and b

16 One of the psychological dangers of electronic games is.......................
(a) being depressed (b) eye strain (c) hackers attack

17 The abbreviation of Hyper Text Markup Language is .......................
(a) HTML (b) HTLM (c) THML

18 Playing online games too much can cause eye .................
(a) relax (b) strength (c) strain

19 HTML describes the structure of a web page and consists of a series of elements such as headings, paragraph and .................... .
(a) images (b) links (c) both a and b

20 Strong password contain at least ................. characters.
(a) two (b) three (c) eight

21 One of the following tags is true...........................
(a) </i> ... </i> (b) <a> ... </b> (c) <h1> ... </h1>

22 ......................... will scan your face using your device's camera
(a) Fingerprint Authentication (b) Pins (c) Facial Recognition

23 The ................................ tag is used to create the largest heading in HTML
(a) <L1>....</L1> (b) <h1>.....</h1> (c) <h6>......</h6>

24 If you think your data has been compromised, you should tell ................
(a) hacker (b) a parent (c) cyber bullies

25 From advantages of electronic games encouraging ....................
(a) cyberbullies (b) teamwork (c) violence

26 Facial recognition scans your face using your device's .................... to confirm your identity.
(a) scanner (b) printer (c) . camera

27. ...................... can cause your information to be leaked, and viruses are easily spread
(a) Friends (b) Hackers (c) Cyberbullies

28. ............. requires at least two ways of identifying yourself.
(a) MFA (b) PIN (c) Password

29. When creating password, you should use random ....................
(a) letters (b) numbers and symbols (c) both a and b

30. From the ways of ............ , pins, passwords, and personal questions
(a) Oss (b) MFA (c) GPS

31. Large gaming communities are filled with ......................
(a) data protection (b) cyberbullies (c) information

32. .............. read HTML documents and display the content according to the HTML tags.
(a) Web browsers (b) Web servers (c) E-readers

33. The function of <i>... </i> tag is ................................
(a) italicize a text (b) make text bold (c) change font color

34. The HTML tag <p>.....</p> refers to .....................
(a) largest heading (b) subheading (c) create a paragraph

35. ............... is the standard programming language used to create web pages.
(a) Python (b) HTML (c) OSs

36. Adding ...................... to the web page, attracts attention and triggers different emotions
(a) images (b) smallest heading (c) database

37. Electronic games can strain your ............. and cause headaches.
(a) hand (b) arm (c) eyes

38. Hackers can cause your information to be ............ and viruses are easily spread.
(a) protected (b) leaked (c) secured

39. .................... is a security method that protects your information and only you can access it on your device by entering your password
(a) Full disk encryption (b) Facial Recognition (c) Both a and b

40. Companies must tell their ................. immediately, if they've been victims of data theft.
(a) hackers (b) customers (c) parents

41 Large headings are placed at the .......................... of the web page to catch the attention

ⓐ middle ⓑ bottom ⓒ top

42 The href attribute is used with <a> tag to create a/an ....................... in HTML.

ⓐ image ⓑ hyperlink ⓒ paragraph

43 Playing electronic games too much can affect your ................. cycle.

ⓐ life ⓑ sleep ⓒ energy

44 Hackers can steal your information, and .................... can easily spread.

ⓐ viruses ⓑ books ⓒ images

45 MFA requires at least...................... ways of identifying yourself.

ⓐ two ⓑ three ⓒ four

## Question 02 put ( √ ) or ( × )

1. The tag <i> .... </i> refers to change text to italic. ✓
2. Data protection is important for individuals only. ✗
3. We use the tag <a> .... </a> to create hyperlink. ✓
4. It is not important for companies to protect their data. ✗
5. The tag <h1> .... </h1> refers to subheading. ✗
6. Egypt established the Data Protection Law to protect its citizens' data. ✓
7. HTML elements break up web pages to make them easier to scan, read, and navigate. ✓
8. Fingerprint Authentication is a type of authentication will scan your finger as a way of confirming it's you. ✓
9. Electronic games can relax your eyes and cause headaches. ✗
10. Facial Recognition will scan your face using your device's camera. ✓
11. Some electronic games promote violence. ✓
12. There are no dangers while playing electronic games. ✗
13. You may become anxious and depressed because you are being bullied online. ✓
14. Feeling lonely from physical dangers of playing electronic games. ✗
15. Playing too often can help your sleep cycle. ✗

16 Use a webcam to limit the dangers of electronic games. ✘

17 Never accept limits that your parents set to prevent unhealthy gaming habits. ✘

18 Multi-Factor Authentication requires one way of identifying yourself. ✘

19 There are several disadvantages of electronic games like security dangers. ✔

20 MFA stands for Multi-Factor Authentication. ✔

21 Subheadings font size is larger than the heading. ✘

22 Companies must report immediately if they've been victims of data theft. ✔

23 To change the text to bold we use the <strong> .... </strong> tag. ✔

24 MFA can confirm your identity through pins and personal questions. ✔

25 Adding subheadings to web pages makes the text easy to scan, so a reader can find the information easily. ✔

26 Full Encryption protects your information so everyone can access it on their device. ✘

27 Web browsers have difficulty reading HTML documents. ✘

28 The tag <p>....</p> is used to change text to bold. ✘

29 The building blocks of web pages include only headings and paragraph. ✘

30 Gaining weight is one of electronic games dangers. ✔

31 Electronic games can be fun, but they impact health. ✔

32 You can protect your devices from theft by setting a weak password. ✘

33 Strong passwords must contain three characters. ✘

34 If you think your data has been compromised, you shouldn't tell a parent or trusted adult. ✘

35 Fingerprint Authentication is a way only the user's face can be used to open their devices or devices' apps. ✘

36 The HTML tag <h6> ... </h6> refers to large heading. ✘

37 HTML code can help people with low vision to distinguish between parts of a web page. ✔

38 You should play a lot of electronic games to fall asleep quickly. ✘

39. Electronic games can stretch your back. ✗
40. Electronic games may keep you stimulated and prevent you from falling asleep. ✓
41. Multiplayer games can put your security at risk. ✓
42. It is irresponsible to leave your devices at risk by not taking proper safety precautions. ✓
43. HTML tags consist of two main parts. ✗
44. A paragraph usually has more than one sentence. ✓

تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

## "November"

**Put ( √ ) or ( × ):-**

1- All HTML commands have a start tag and an end tag ( )

2- The basic elements of creating a web page are titles and paragraphs only ( )

3- < img src > command is used to add images to the web page ( )

4- <P> tag is used to write in italic. ( )

5- The <i> tag is used to write in bold. ( )

6- HTML is a standard programming language used to create dynamic web pages. ( )

7- HTML elements divide web pages to make them easier to read, and browse. ( )

8- InHTML language, tags consist of four main parts. ( )

9- There are several disadvantages of electronic games like security dangers ( )

10- Gaining weight is one of electronic games dargers ( )

11- There are no dangers while playing electronic games ( )

12- Never accept limits that your parents set to prevent unhealthy gaming habits ( )

13- Electronic games that friends play over the Internet are always very entertaining and there is no harm in them. ( )

14- It is preferable that you only play and chat with people you know and trust, and do not publish your personal information. ( )

15- It is recommended that you do not use the webcam unless your settings are private. ( )

16- Passwords should preferably consist of8 letters and numbers and one or more random symbols. ( )

17- One way to effectively protect your devices from theft is through multi-factor authentication. ( )

18- You should report data theft if you suspect your data has been compromised. ( )

19- Facial recognition scrambles your information so you can Just access it on your device. ( )

20- Fingerprint authentication is a program that scans your face using Your camera. ( )

## b( Choose the correct answer from the following:-

1..A standard programming language used to create static web pages............................

HTML JavaScript Python

2. Hypertext markup language code helps people with..........................disabilities distinguish between parts of a page Web.

Hearing Sight talk

3. "The ................ tag is used to display the alternative text"

<i>__ <p> alt

4. To make it easier to access the image, add a tag.................................

Image and alternative text just one photo Alt text only

5. It is preferable to put the largest address in......................Part of the page draws Attention.

higher lowest left

6. Adding .............................. works to attract attention, It can arouse different feelings.

lines Colors the pictures

7. HTML ،markup language........................are easy ,to use Subtext checking Accurately until he can Reader to find The information he wants.

lines Codes Subtitles

8. InHTML, tags consist of ............... main parts

five three four

9. HTML commands are called ........................

_Tag camel Symbols

10. The tag .............................. is used to create Paragraph.

<P> <b> <h>

11. The ............... tag is used to create a hyperlink

<font> <href>__ <img>__

12..The tag .............................. is used to write in italics

<i>__ <p> <a>

13. .The tag ............................... is used to write in bold

<i> __ <strong> <P>

14. The basic elements of creating a web page are headings, paragraphs and....................

Links the pictures both of them

15. There are three tags in markup language : Main parts opening tag and closing tag And the........................

content Numbers The letters

16. ،To see the alternative text for a web page Right-click on one of the images, select ......................., and then look for the"alt" tag.

search inspect alt

17. Electronic games, can be a lot of fun, but there can be problems playing these games like...................

cyber bullying hacking both (a) & (b)

18. There are several disadvantages of electronic games like....................

physical dangers psychological dangers all of them

19. I post pictures of my friends Online without ...Obtaining their permission is

bullying Responsible digital behavior Irresponsible digital behavior

20. Playing electronic games too often can affect your...................... cycle

security sleep There no one

21. Among the problems that electronic games may cause............................

Hidden costs bullying all the above

22. Passwords consisting of8 ،letters and numbers One or more random symbols are..............................

The safest Least safe Hacked

23. multi-factor authentication Requires At least to identify you.................

Three ways Two ways Only one way

24. One of the ways to effectively protect your devices from theft......................

Face recognition Activate the lock when lost all the above

25. ......................will scan your finger,Usually the thumb, as a way to confirm your identity

Fingerprint authentication Activate the lock when lost Face recognition

26. ..........................It confuses your information so that you can Only access it on your device, provided you set your own password

Fingerprint authentication Full encryption Multi-factor authentication

# "November"

**Put ( √ ) or ( × ):-**

1- All HTML commands have a start tag and an end tag ( × )

2- The basic elements of creating a web page are titles and paragraphs only ( × )

3- < img src > command is used to add images to the web page ( √ )

4- <P> tag is used to write in italic. ( × )

5- The <i> tag is used to write in bold. ( × )

6- HTML is a standard programming language used to create dynamic web pages. ( × )

7- HTML elements divide web pages to make them easier to read, and browse. ( √ )

8- InHTML language, tags consist of four main parts. ( × )

9- There are several disadvantages of electronic games like security dangers ( √ )

10- Gaining weight is one of electronic games dargers ( √ )

11- There are no dangers while playing electronic games ( × )

12- Never accept limits that your parents set to prevent unhealthy gaming habits ( × )

13- Electronic games that friends play over the Internet are always very entertaining and there is no harm in them. ( × )

14- It is preferable that you only play and chat with people you know and trust, and do not publish your personal information. ( √ )

15- It is recommended that you do not use the webcam unless your settings are private. ( √ )

16- Passwords should preferably consist of 8 letters and numbers and one or more random symbols. ( √ )

17- One way to effectively protect your devices from theft is through multi-factor authentication. ( × )

18- You should report data theft if you suspect your data has been compromised. ( √ )

19- Facial recognition scrambles your information so you can Just access it on your device. ( × )

20- Fingerprint authentication is a program that scans your face using Your camera. ( × )

## b)Choose the correct answer from the following :-

1..A standard programming language used to create static web pages..............................

HTML JavaScript Python

2. Hypertext markup language code helps people with............................disabilities distinguish between parts of a page Web.

Hearing Sight talk

3. " The ................. tag is used to display the alternative text "

<i>__ <p> alt

4. To make it easier to access the image, add a tag..................................

Image and alternative text just one photo Alt text only

5. It is preferable to put the largest address in.......................Part of the page draws Attention.

higher lowest left

6. Adding ................................ works to attract attention, It can arouse different feelings.

lines Colors the pictures

7. HTML ،markup language.........................are easy ,to use Subtext checking Accurately until he can Reader to find The information he wants.

lines Codes Subtitles

8. InHTML, tags consist of ................ main parts

five three four

9. HTML commands are called .........................

_Tag camel Symbols

10. The tag ................................ is used to create Paragraph.

<P> <b> <h>

11. The ................ tag is used to create a hyperlink

<font> <href>__ <img>__

12..The tag ................................ is used to write in italics

<i>__ <p> <a>

13. .The tag .............................. is used to write in bold

<i>__ | <strong> | <P>

14. The basic elements of creating a web page are headings, paragraphs and......................

Links | the pictures | both of them

15. There are three tags in markup language : Main parts opening tag and closing tag And the........................

content | Numbers | The letters

16. ،To see the alternative text for a web page Right-click on one of the images, select ......................., and then look for the "alt" tag.

search | inspect | alt

17. Electronic games, can be a lot of fun, but there can be problems playing these games like....................

cyber bullying | hacking | both (a) & (b)

18. There are several disadvantages of electronic games like.....................

physical dangers | psychological dangers | all of them

19. I post pictures of my friends Online without ...Obtaining their permission is

bullying | Responsible digital behavior | Irresponsible digital behavior

20. Playing electronic games too often can affect your...................... cycle

security | sleep | There no one

21. Among the problems that electronic games may cause............................

Hidden costs | bullying | all the above

22. Passwords consisting of8 ،letters and numbers One or more random symbols are..............................

The safest | Least safe | Hacked

23. multi-factor authentication Requires At least to identify you.................

Three ways | Two ways | Only one way

24. One of the ways to effectively protect your devices from theft......................

Face recognition | Activate the lock when lost | all the above

25. ......................will scan your finger, Usually the thumb, as a way to confirm your identity

Fingerprint authentication | Activate the lock when lost | Face recognition

26. ..........................It confuses your information so that you can Only access it on your device, provided you set your own password

Fingerprint authentication | Full encryption | Multi-factor authentication

# Model 1

## Q1:- Put ( √ ) or ( × ):-

1- .All markup language commands have a start tag and an end tag ( )

2- The <i> tag is usedto .write in bold ( )

3- Remember to ask an adult for permission before downloading or clicking on any product links ( )

4- One way to effectively protect your devices from theft is through multi-factor authentication ( )

5- Fingerprint authentication is a program that scans your face using Your camera. ( )

## Q2:- Choose the correct answer between brackets

1. ........................ It is preferable to put the largest address in Part of the page draws Attention
   left lowest higher
2. ،Adding ................................ works to attract attention It can arouse different feelings.
   lines colors pictures
3. Electronic games, can be a lot of fun, but there can be problems playing these games like....................
   cyber bullying hacking both (a) & (b)
4. There are several disadvantages of electronic games like....................
   physical dangers psychological dangers all of them
5. ........................ Requires multi-factor authentication . At least to identify you
   Three ways Two ways Only one way

## Model 2

**Q1:- Put ( √ ) or ( × ):-**

1- < img tag is used src > .to add images to the web page ( )

2- HTML is a standard programming language used to create .dynamic web pages ( )

3- Remember to ask an adult for permission before .downloading or clicking on any product links ( )

4- One way to effectively protect your devices from theft is .through multi-factor authentication ( )

5- You should report data theft if you suspect your data has been .compromised ( )

**Q2:- Choose the correct answer between brackets**

1. HTML ...commands ..are called.....................

   _Tag    statement    Symbols

2. The tag ................................ is used to createParagraph

   <P>    <b>    <h>

3. ،Sharing personal information can result in ..................online or offline Harassment, bullying.

   pirate    Protection    Safety

4. Among the problems that electronic games may cause

   Hidden costs    bullying    all the above

5. ،works to attract attention ............................... Adding It can arouse different feelings.

   lines    Colors    the pictures

## Model 3

**Q1:- Put ( √ ) or ( × ):-**

1- < img tag is used src > .to add images to the web page ( )

2- <P> .tag is used to write in italics ( )

3- Gaining weight is one of electronic games dangers ( )

4- There are no dangers while playing electronic games ( )

5- Fingerprint authentication is a program that scans your face using Your camera. ( )

**Q2:- Choose the correct answer between brackets**

1. Passwords consisting of 8 ،letters and numbers One or more random ...symbols are

   The safest    Least safe    Hacked

2. ........................ Requires multi-factor authentication . At least to identify you

   Three ways    Two ways    Only one way

3. .............................will scan your finger Usually the thumb, as a way to confirm your identity

   Face recognition    Activate the lock when lost    Fingerprint authentication

4. .The tag ............................... is used to write in italics

   <a>    <p>    <i> __

5. programming language used to create static standard A............................. .web pages

   Python    JavaScript    HTML

## Model answer (1)

| Put ( √) or ( × ):- | Choose the correct answer between brackets |
|---|---|
| (X ) | higher |
| (X ) | pictures |
| (√ ) | both (a) & (b) |
| (√ ) | all of them |
| (X ) | Two ways |

## Model answer (2)

| Put ( √) or ( × ):- | Choose the correct answer between brackets |
|---|---|
| (√ ) | Tag |
| (X ) | <P> |
| (√ ) | pirate |
| (X ) | all the above |
| (√ ) | the pictures |

## Model answer (3)

| Put ( √) or ( × ):- | Choose the correct answer between brackets |
|---|---|
| (√ ) | The safest |
| (X ) | Two ways |
| (√ ) | Fingerprint authentication |
| (X ) | <i>__ |
| (X ) | HTML |

# Lesson 8
# website Design

## Hyper Text Markup Language (HTML)

- It's the standard programming language used to create web pages
- It describes the structure of a web page and consists of series of element

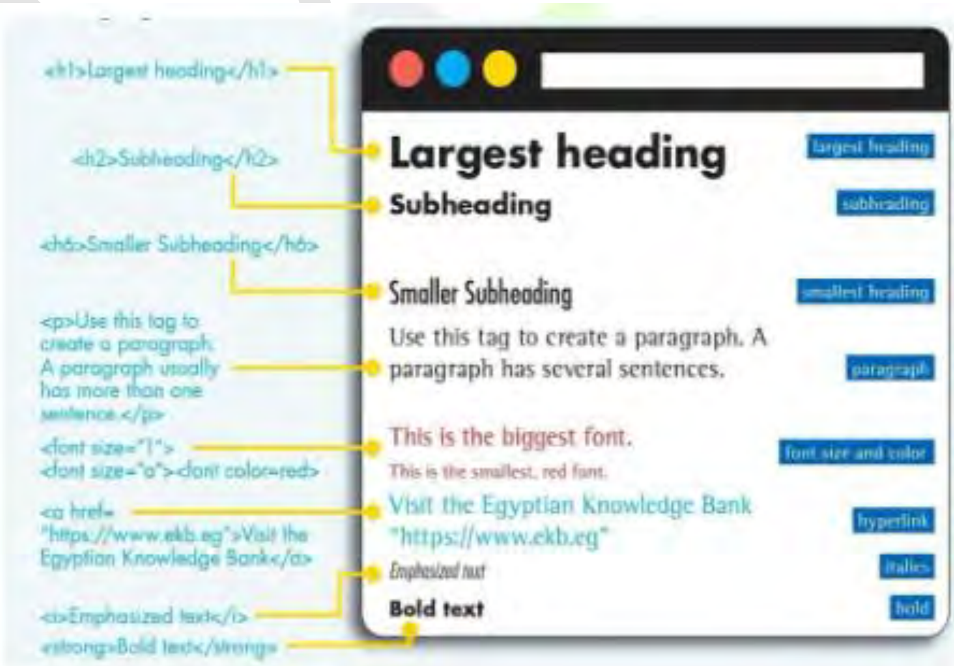
## The building blocks of web pages are:

- Heading
- Paragraph
- Links
- Images

Web browser read HTML document and display the content according to the HTML tag

## Tag have three main parts

- An opening ta
- The content
- A closing tag



## Identify these tag

| | |
|---|---|
| Large heading | <h1>  large heading </h1> |
| Subheading | <h2> subheading  </h2> |
| Smaller subheading | <h6> smaller subheading </h6> |
| Paragraph | <p>= to create paragraph<br></p> = ending of paragraph tag |
| Font size | <font size  =”1” > ,<front size =”7”> |
| Font color | <font color = red ><font color =”red”> |
| Hyperlink | <a href =”link”>visit the Egyptian knowledge bank </a> |
| Emphasize text (italic ) | <i> emphasized </i> |
| Bold text | <strong > bold text </strong> |

# lesson 2

# How to deal with electronic games ?

- Electronic games which are played over the internet with friends, can be a lot of fun to play.
- Electronic games can help to promote critical and creative thinking, and encourage teamwork
- Online games can be fun to play but they can impact health.

**There are several disadvantages of electronic games**

1. Physical dangers
2. Psychological dangers
3. Security dangers

**Physical dangers**

- Playing too often can affect your sleep cycle.
- It may keep you stimulated and prevent from falling a sleep.
- It can strain your eyes, cause back problems because you stay hunched over while playing, and cause headaches.
- There's also a danger of gaining weight because you may not be exercising or eating properly while playing electronic games.

**Psychological dangers**

- You may become anxious and depressed because :
- You feel lonely in the real world **Or** You are being bullied online.
  Electronic games can make some people aggressive, as some games promote violence.
- Electronic games can prevent some players from thinking rationally when facing situations.
- All of these factors can negatively affect your relationship with family and friends.

## Security dangers

- Multiplayer games, in particular, can put your security at risk.
- If you share too much personal information, strangers may be able to access your name, email, phone number, and address.
- Large gaming communities are filled with cyberbullies.
- Hackers can cause your information to be leaked and viruses are easily spread.

## Responsible gaming

**You can limit the dangers you are exposed to by:**

Only playing games and chatting with people you know and trust.

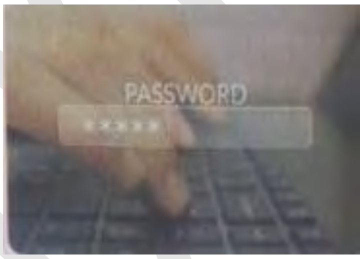
- Not using personal information in your username and passwords.
- Not using a webcam.
- You should accept limits that your parents set to prevent unhealthy gaming habits.
- Make sure that gaming does not replace real-life activities like spending time with your family, meeting friends, homework, maintaining a healthy diet, getting enough exercise or sleep.
- When you do encounter dangers, don't be afraid to tell your parents. They want to help you. That could include family discussions and increased supervision when using the internet.

# Lesson 3
# Protecting yourself from digital theft

It is irresponsible to leave your devices at risk by not taking proper safety precautions. You have learned about the importance of strong passwords. Let's look at some more ways you can effectively protect your devices from theft.

**Different features that you can use to protect your data**

**1.Passwords**




Passwords with at least eight random letters, numbers, and symbols are the most secure.

**2. multi-factor authentication (MFA)**



**MFA** requires at least two ways of identifying yourself, usually through passwords, pins, and security codes or personal questions.

**3.Fingerprint authentication**



This type of authentication will scan your finger as a way of confirming it's you.

**4.Facial recognition**



Facial recognition software will scan your face using your  device's camera. This way, only the user's face can be used to open their devices or devices' apps.

**5.Full Encryption**



Encryption protects your information so only you can access it on your device, as long as you have set your password.

**<u>Companies have more responsibility than individuals to protect against data theft.</u>**

- Companies in particular need to protect their websites and their customers' information. Therefore, Egypt has introduced the Data Protection Law to protect its citizens.
- The Data Protection Law requires companies to use strict security stands to protect their data.
- They must report immediately if they've been victims of data theft, and let their customers know immediately as well.

**<u>It's important for individuals to report data theft.</u>**

- You should report data theft.
- If you think your data has been compromised, be sure to tell a parent or trusted adult, they can let the proper authorities know.
- You should also tell family and friends you communicate with online.

# Question1: Choose the correct answer

1- …….. are the operating system functions
- a) Runs a computer's software
- b) Runs a computer's hardware
- c) Open source
- d) Both a and b

2- …….. computers run on macOS
- a) Apple
- b) iPad
- c) Android
- d) windows

3- ……… means a person can change and read the programming code
- a) Open-source software
- b) Closed-source software
- c) Both a and b
- d) None of them

4- Web …… read HTML documents
- a) Sites
- b) Pages
- c) Browsers
- d) title

5- …….. is the standard programming language used to create web pages
- a) <<=img src>
- b) MacOS
- c) OSs
- d) HTML

6- ……. Read HTML documents and display the content according to the HTML tag
- a) Web browsers
- b) MacOS
- c) E-reader
- d) Android

7- The HTML tag <h1> …. </h1> refers to ………
a) Largest heading
b) Subheading
c) Smaller subheading
d) Create a paragraph

8- The function of <a> …. </a> is …….
a) Create hyperlink
b) Change text to underline
c) Change text to bold
d) Change text to italic

9- Most computers come pre-loaded with an …….
a) Operating system
b) Windows explorer
c) E-readers
d) Google chrome

10- Ms. Didi El-Behaedi uses geospatial technologies such as ……….
a) GPS
b) Drones
c) Articles
d) Planes

11- Ms. Didi El-Behaedi ia a/an ……… in national geographic
a) Ecologist
b) Biologist
c) Explorer
d) Engineer

12- The abbreviation (GIS) stands for ……….
A) Google information system
B) Geographic information system
C) Global information system
D) General information system

13- Among the tools that Ms. Didi El-Behaedi relied on …….
A) GIS
B) RS
C) Both a and b
D) None of them

14- Ms. El-Behaedi uses computers to find new archeological sites by inputting data about known archeological sites and programming the computer to look for similar sites. This is called ……….

A) Machine learning
B) Programming
C) Text typing
D) Video capture

15- Electronic games can be a lot of fun, but there can be problems playing these games like ……….

a) Cyber bullying
b) Hacking
c) Having fun
d) Both a and b

16- There are several disadvantages of electronic games like ……….

a) Physical dangers
b) Psychological dangers
c) Security dangers
d) All of them

17- Electronic games can strain your ……. and cause headaches

a) Hand
b) Arm
c) Eyes
d) leg

18- when playing games online, don't put personal information, such as ……

a) your full name as your username
b) your email, address
c) both a and b
d) none of them

19- large gaming communities are filled with ……….

a) data
b) cyberbullies
c) information
d) none of them

20- hackers can cause your information to be leaked and ……. Are easily spread

a) viruses
b) games
c) data
d) none of them

21- Egypt has introduced the data protection law to protect its ……….

a) Schools
b) Citizens
c) Books
d) Hospitals

22- MFA requires at least …. ways of identifying yourself

a) Two
b) Three
c) Four
d) five

23- ……… are ways of Multi Factor Authentication

a) Passwords
b) Pins
c) Security codes
d) All of them

24- ………. will scan your face using your device's camera

a) Fingerprint authentication
b) Pins
c) Facial recognition
d) Multi Factor Authentication

# Question 2: Put (true) or (false)

1- An operating system includes accessible devices such as printer scanner ( )
2- Microsoft windows runs the most computers worldwide ( )
3- The HTML tag <h6> … </h6> refers to heading ( )
4- The tag <i> … </i> refers to emphasized text ( )
5- The tag <font> … </font> is used to change the font size only ( )
6- (RS) stands for read sensing ( )
7- Ms. El-Behaedi has worked as a remote sensing research consultant at NASA and has excavated one archeological site only ( )
8- Ms. El-Behaedi uses the images from remote sensors to identify, map, and data the ancient shores of the lake and find previously undiscovered ancient settlement ( )
9- Playing too often can help your sleep cycle ( )
10- Electronic games may keep you stimulated and prevent you from falling asleep ( )
11- You may become anxious and depressed because you are being bullied online ( )
12- Never accept limits that your parents set to prevent unhealthy gaming habits ( )
13- Gaining weight is one of electronic games dangers ( )
14- Some electronic games promote violence ( )
15- Ms. Didi El-Behaedi uses geospatial technologies, such as Geographic Information System ( )
16- You can protect your devices from theft by setting simple passwords ( )
17- MFA stand for Multi Factor Authentication ( )
18- Multi Factor Authentication requires at least three ways of identifying yourself ( )
19- Fingerprint Authentication, is a type of authentication, will scan your finger as a way of confirming it's you ( )
20- Full Encryption protects your information so everyone can access it on their devices ( )

# Question3: Complete the following sentences

**(physical – violence – feeling lonely – eyes)**

1- Electronic games can strain your ……… and cause headaches
2- ……… is one of the psychological dangers of electronic games
3- Gaining weight is one of the ……. dangers of electronic games
4- Some electronic games promote ………

# Question4: Match

| | |
|---|---|
| 1-Passwords | a-Is a shortcut of Multi Factor Authentication |
| 2-MFA | b-With at least 8 random letters, numbers and symbols are the most secure |
| 3-Fingerprint Authentication | c-Protects your information so only you can access it on your device, as long as you have set your password |
| 4-Full Encryption | d-Will scan your finger as a way of confirming it's you |
| 5-Facial Recognition Software | e-Will scan your face using your devices camera |

# Model Answers

## Question1: Choose the correct answer

1- …….. are the operating system functions
- a) Runs a computer's software
- b) Runs a computer's hardware
- c) Open source
- **d) Both a and b**

2- …….. computers run on macOS
- **a) Apple**
- b) iPad
- c) Android
- d) windows

3- ……… means a person can change and read the programming code
- **a) Open-source software**
- b) Closed-source software
- c) Both a and b
- d) None of them

4- Web …… read HTML documents
- a) Sites
- b) Pages
- **c) Browsers**
- d) title

5- …….. is the standard programming language used to create web pages
- a) <<=img src>
- b) MacOS
- c) OSs
- **d) HTML**

6- ……. Read HTML documents and display the content according to the HTML tag

**a) Web browsers**
b) MacOS
c) E-reader
d) Android

7- The HTML tag <h1> …. </h1> refers to ………

**a) Largest heading**
b) Subheading
c) Smaller subheading
d) Create a paragraph

8- The function of <a> …. </a> is …….

**a) Create hyperlink**
b) Change text to underline
c) Change text to bold
d) Change text to italic

9- Most computers come pre-loaded with an …….

**a) Operating system**
b) Windows explorer
c) E-readers
d) Google chrome

10- Ms. Didi El-Behaedi uses geospatial technologies such as ……….

**a) GPS**
b) Drones
c) Articles
d) Planes

11- Ms. Didi El-Behaedi ia a/an ……… in national geographic

a) Ecologist
b) Biologist
**c) Explorer**
d) Engineer

12- The abbreviation (GIS) stands for ……….

a) Google information system
**b) Geographic information system**
c) Global information system
d) General information system

13- Among the tools that Ms. Didi El-Behaedi relied on .......
   a) GIS
   b) RS
   **c) Both a and b**
   d) None of them

14- Ms. El-Behaedi uses computers to find new archeological sites by inputting data about known archeological sites and programming the computer to look for similar sites. This is called ..........
   **a) Machine learning**
   b) Programming
   c) Text typing
   d) Video capture

15- Electronic games can be a lot of fun, but there can be problems playing these games like ..........
   a) Cyber bullying
   b) Hacking
   c) Having fun
   **d) Both a and b**

16- There are several disadvantages of electronic games like ..........
   a) Physical dangers
   b) Psychological dangers
   c) Security dangers
   **d) All of them**

17- Electronic games can strain your ....... and cause headaches
   a) Hand
   b) Arm
   **c) Eyes**
   d) Leg

18- when playing games online, don't put personal information, such as ......
   a) your full name as your username
   b) your email, address
   **c) both a and b**
   d) none of them

19- large gaming communities are filled with ……….

a) data
**b) cyberbullies**
c) information
d) none of them

20- hackers can cause your information to be leaked and ……. Are easily spread

**a) viruses**
b) games
c) data
d) none of them

21- Egypt has introduced the data protection law to protect its ……….

a) Schools
**b) Citizens**
c) Books
d) Hospitals

22- MFA requires at least …. ways of identifying yourself

**a) Two**
b) Three
c) Four
d) five

23- ……… are ways of Multi Factor Authentication

a) Passwords
b) Pins
c) Security codes
**d) All of them**

24- ……….. will scan your face using your device's camera

a) Fingerprint authentication
b) Pins
**c) Facial recognition**
d) Multi Factor Authentication

# Question 2: Put (true) or (false)

1- An operating system includes accessible devices such as printer scanner **(T)**
2- Microsoft windows runs the most computers worldwide **(T)**
3- The HTML tag <h6> … </h6> refers to heading **(F)**
4- The tag <i> … </i> refers to emphasized text **(T)**
5- The tag <font> … </font> is used to change the font size only **(F)**
6- (RS) stands for read sensing **(F )**
7- Ms. El-Behaedi has worked as a remote sensing research consultant at NASA and has excavated one archeological site only **(F )**
8- Ms. El-Behaedi uses the images from remote sensors to identify, map, and date the ancient shores of the lake and find previously undiscovered ancient settlement **(T )**
9- Playing too often can help your sleep cycle **(F)**
10- Electronic games may keep you stimulated and prevent you from falling asleep **(T)**
11- You may become anxious and depressed because you are being bullied online **(T)**
12- Never accept limits that your parents set to prevent unhealthy gaming habits **(F)**
13- Gaining weight is one of electronic games dangers **(T)**
14- Some electronic games promote violence **(T)**
15- Ms. Didi El-Behaedi uses geospatial technologies, such as Geographic Information System **(T)**
16- You can protect your devices from theft by setting simple passwords **(F)**
17- MFA stand for Multi Factor Authentication **(T)**
18- Multi Factor Authentication requires at least three ways of identifying yourself **(F)**
19- Fingerprint Authentication, is a type of authentication, will scan your finger as a way of confirming it's you **(T)**
20- Full Encryption protects your information so everyone can access it on their devices **(F)**

# Question3: Complete the following sentences

**(physical – violence – feeling lonely – eyes)**

1- Electronic games can strain your …**Eyes**…… and cause headaches
2- …**Feeling lonely**…… is one of the psychological dangers of electronic games
3- Gaining weight is one of the …**physical**…. dangers of electronic games
4- Some electronic games promote …**Violence**……

# Question4: Match

| | |
|---|---|
| 1-Passwords **b** | a-Is a shortcut of Multi Factor Authentication |
| 2-MFA **a** | b-With at least 8 random letters, numbers and symbols are the most secure |
| 3-Fingerprint Authentication **d** | c-Protects your information so only you can access it on your device, as long as you have set your password |
| 4-Full Encryption **c** | d-Will scan your finger as a way of confirming it's you |
| 5-Facial Recognition Software **e** | e-Will scan your face using your devices camera |

## ICT Grade 6 – November Revision

***Choose the correct answer:***

1) One of the dangers of electronic games is ……………… because you may not be exercising.
   a. hacking  b. gaining weight  c. bullying

2) ………………. is the standard programming language used mainly to create web pages.
   a. HTML  b. Python  c. C++

3) Strong passwords contain at least ………………. characters.
   a. 4  b. 6  c. 8

4) The …………….. tag is used to create a hyperlink in HTML.
   a. <a>  b. <h>  c. <L>

5) ……………… can cause your information to be leaked and viruses are easily spread.
   a. Cyberbullying  b. Hackers  c. Friends

6) ………………… is a type of authentication that uses your fingerprint to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition  c. A password

7) Electronic games can strain your ……………… and cause headaches.
   a. mouth  b. legs  c. eyes

8) The abbreviation of Hyper Text Markup Language is ……………..
   a. HLMT  b. HTLM  c. HTML

9) To make the text bold in HTML, you can use the ………………… tag.
   a. <i>   b. <strong>   c. <S>

10) Large gaming communities are filled with …………………
   a. cyberbullies   b. teachers   c. a and b

11) ………………… scans your face using your device's camera to confirm your identity.
   a. Fingerprint authentication
   b. Facial recognition   c. Full Disk encryption

12) ……………….. read HTML documents and display the content according to the HTML tag.
   a. Web browsers   b. Web servers   c. Devices

13) Electronic games may make you anxious and depressed because …………………..
   a. you feel lonely in the real world
   b. you may being bullied online   c. a and b

14) The process that scrambles your information and makes it unreadable to others is called ………………..
   a. decryption   b. compression   c. encryption

15) The …………………… tag is used to create the largest heading in HTML.
   a. <h1>   b. <h6>   c. <L1>

16) Electronic games can help promote ………………..
   a. critical thinking   b. creative thinking   c. a and b

17) ………………… requires at least two ways of identifying yourself.
   a. Multi-factor authentication

b. Fingerprint authentication c. Facial recognition

18) HTML tags consist of an opening tag, a closing tag, and …………………..
a. the content b. the comments c. attributes

19) You should not share your ………………… because others can access your address, email, and phone number.
a. games b. news c. personal information

20) Facial recognition scans your face using your device's ………………….. to confirm your identity.
a. scanner b. printer c. camera

21) Hackers can cause your information to be leaked, and ………………… are easily spread.
a. viruses b. emails c. games

22) To create the smallest heading in HTML, use the ………………. tag.
a. <h1> b. <h6> c. <S1>

23) Spending a lot of time playing electronic games can cause ………………….
a. eye strain b. back problems c. a and b

24) ………………… is a security method that scrambles your information and can only be accessed if you enter a password.
a. Full disk encryption b. Facial recognition c. a and b

25) The HTML tag that is used to create a paragraph is ………..
a. <h> b. <a> c. <p>

26) One of the psychological dangers of electronic games is ……………….

a. eye strain  b. being depressed  c. cyberbullying

27) Egypt formed …………….. Law in 2020 to protect its citizens' data.

a. Data Security  b. Data Protection  c. Data Privacy

28) …………… Law requires companies to report immediately if they've been victims of data theft.

a. Copyright  b. E-marketing  c. Data Protection

29) One of the physical dangers of electronic games is ……………….

a. stealing data  b. cyberbullying  c. headaches

30) Large headings are placed at the …………….. of the web page to catch attention.

a. middle  b. bottom  c. top

31) The …………… tag is used to italicize text in HTML.

a. <h>  b. <b>  c. <i>

32) Playing electronic games too much can affect your ……………….. cycle.

a. sleep  b. digestive  c. energy

33) To make the images accessible on web pages, add …………… to <img> in HTML.

a. alt-text  b. meta  c. title

34) Some games promote violence, so this can make some people ………………..

a. calm  b. aggressive  c. stupid

35) What does MFA stand for?

a. Multi-Function Application
b. Multi-Factor Authentication
c. Multi-Feature Algorithm

***Put (✓) or (X):***

1- The font size of subheadings is greater than that of the main headings. ( )
2- Some electronic games promote violence. ( )
3- It is responsible to leave your devices at risk without protection. ( )
4- Adding images to web pages attracts attention. ( )
5- Multiplayer games can put your security at risk. ( )
6- Egypt established the Data Protection Law to protect its citizens. ( )
7- Electronic games can be fun, but they negatively affect the health. ( )
8- MFA requires at least three ways of identifying yourself. ( )
9- The tag <h2> refers to a subheading. ( )
10- It is recommended to play games and chat with people you don't know. ( )
11- </h1> is an opening tag, but <h1> is a closing tag. ( )
12- if you have been exposed to data theft, you should report it. ( )
13- Strong passwords contain only letters and numbers. ( )
14- In HTML, the <a> tag is used to display text in italics. ( )
15- Some electronic games promote aggressive behaviors. ( )
16- Electronic games help promote critical and creative thinking. ( )
17- A large heading at the top of the page catches attention. ( )
18- Full disk encryption allows you to lock your device if you lose it. ( )

19- Using a webcam online can limit the dangers of electronic games. ( )

20- To make the images accessible, add image and alt-text tags. ( )

21- You should play a lot of electronic games to fall asleep right away. ( )

22- Data protection is important only for companies. ( )

23- HTML elements break up web pages to make them easier to scan. ( )

24- HTML tags consist of four main parts. ( )

25- Electronic gaming has a positive impact on your relationships. ( )

26- Fingerprint authentication scan your face using the device's camera. ( )

27- The tag <h6> refers to the heading. ( )

28- Ignore the limits that your parents set to prevent unhealthy gaming habits. ( )

29- The facial recognition feature allows only your face to unlock your device. ( )

30- Sharing more personal information enables safer communication with others. ( )

31- HTML code can help visually impaired people distinguish between the parts of a web page. ( )

32- HTML includes only headings and paragraph elements. ( )

33- Excessive electronic gaming can lead to headaches. ( )

34- When you face dangers online, you should solve them yourself. ( )

35- </h6> is an opening tag to display the smallest heading in HTML. ( )

36- If you've been a victim of data theft, there is no need to report the theft. ( )

37- When text is organized into paragraphs, it allows readers to find information quickly. ( )

38- It is not important for companies to protect their data. ( )

39- Feeling lonely in the real world is one of the dangers of electronic games. ( )

## *Answers*

### *Choose:*

1) b
2) a
3) c
4) a
5) b
6) a
7) c
8) c
9) b
10) a
11) b
12) a
13) c
14) c
15) a
16) c
17) a
18) a
19) c
20) c
21) a
22) b
23) c
24) a
25) c
26) b
27) b
28) c
29) c
30) c
31) c
32) a
33) a
34) b
35) b

### *Put (✓) or (X):*

1- X
2- ✓
3- X
4- ✓
5- ✓
6- ✓
7- ✓
8- X
9- ✓
10 - X
11- X
12- ✓
13- X
14- X
15- ✓
16- ✓
17- ✓
18- X
19- X
20- ✓
21- X
22- X
23- ✓
24- X
25- X
26- X
27- ✓
28- X
29- ✓
30- X
31- ✓
32- X
33- ✓
34- X
35- X
36- X
37- ✓
38- X
39- ✓